

SAFETY DATA SHEET

A Product of



WiseBond[®]
Water-Based Clear Polyurethane Satin
Part A
3:1 Ratio

Date Prepared : 4/28/2023
MSDS No: WB-SA400A
Made in The USA

PRODUCT AND COMPANY IDENTIFICATION

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Water Based Clear Polyurethane SATIN/ Part A
PRODUCT DESCRIPTION: Water Based Polyurethane
GENERAL USE: Sealer for cementitious or epoxy flooring / resin

DISTRIBUTOR

DeckWise[®], The Ipe Clip[®] Fastener Co. LLC.
2111 58th Ave. East, Bradenton, FL 34203
Customer Service: 1-866-427-2547
E-Mail: info@deckwise.com

Emergency Contact: CHEMTEL

CHEMTEL: 800-255-3924
Emergency Phone: 813-248-0573

2. HAZARDS IDENTIFICATION

Classification of substance or mixture:

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

No need for classification according to GHS criteria for this product.

Emergency Overview:

No particular hazards known.
Use with local exhaust ventilation.
Wear full face shield if splashing hazard exists.
Wear protective clothing.

GHS Label Elements:

Hazard Symbol: None

SIGNAL WORD: None

STORAGE:

P405: Store locked up.

DISPOSAL:

P501 Dispose of contents/ container in accordance with local/regional/national/international regulation.

OTHER HAZARDS:

NONE KNOWN

RATING:	H	F	R	PPE
HMIS	1	0	0	C
NFPA	1	0	0	

3. COMPOSITION/INFORMATION ON INGREDIENTS

There are no hazardous components above the relevant concentration limits according to OSHA HazCom 2012.

This material is regulated as a mixture

Ingredient	CAS No.	EC#	% (by weight)
Hazardous	102-71-6	NE	<2%
Triethanolamine	N/A		<99%

This product contains an amine neutralizing agent which is bound in the matrix of this product as a salt. This amine salt is considered essentially unreactive at room temperature. Generation of amine vapors is expected when this product is processed (heated) during the drying/hardening of the coating. The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

General advice: Remove contaminated clothing.

If inhaled: Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

If on skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Most important symptoms and effects, both acute and delayed: No significant reaction of the human body to the product known.

Note to physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. FIRE AND EXPLOSION HAZARD DATA

Appropriate Extinguishing Media: Foam, CO₂, Dry chemical, water spray or fog.

Fire Fighting Instructions: Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel. Contaminated extinguishing water must be disposed of in accordance with official regulations.

Unusual Fire Hazards: Harmful vapors. Evolution of fumes/fog. The substances/ groups of substances mentioned can be released in case of fire.

Hazardous Combustion Products: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke, Isocyanate, Isocyanic Acid and other undetermined compounds. Hydrogen cyanide.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use personal protective clothing.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:

Small Spills: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

Large Spills: Pump off product.

ENVIRONMENTAL PRECAUTIONS:

Keep runoff from storm sewers, ditches, streams, lakes and other ground waters and waterways.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Handle in accordance with good industrial hygiene and safety practices. Wash thoroughly after handling. Keep container closed when not in use. Avoid breathing dust, vapor, or mist. Avoid contact with eyes. Avoid contact with skin or clothing.

Protect from freezing. Store between 5 °C (41 °F) and 35 °C (95 °F).

Avoid water reactive substances, acids, strong alkalis.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Industrial Hygiene/Ventilation Measures: General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/ guidelines. Thermal processing operations should be ventilated to control gases and fumes given off during processing. Curing ovens must be ventilated to prevent the buildup of explosive atmospheres and to prevent off gases from entering the work place.

Exposure limit values:

Component	Value/Source		
	TWA	5mg/m ³	ACGIH
Triethanolamine (102-71-6)			ACGIH

Personal Protective Equipment

Respiratory protection: Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapor/aerosol release.

Hand protection: Chemical resistant protective gloves.

Eye protection: Chemical safety goggles or safety glasses with side-shields.

Skin and body protection: Permeation resistant clothing, gloves, long-sleeved shirt, and pants

General safety and hygiene measures: Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible.

9. PHYSICAL AND CHEMICAL PROPERTIES

General

Appearance: Milky Liquid

Physical state: Liquid.

Form: Liquid.

Color: Milky.

Odor: Mild, acrylic like.

Odor threshold: Not available.

Safety Data

pH: No data available

Freezing point: 32 °F (0 °C)

Initial boiling point: 212 °F (100 °C)

Flash point: No flash point measurement made up to boiling point.

Evaporation rate: Not available.

Flammability: Not flammable.

Flammability Limit: Not applicable.
Flammability Limit: Not applicable.
Explosive Limit: Not applicable.
Vapor pressure: Not available.
Vapor density Relative density: Not available.
Solubility (water): Soluble.
Partition coefficient: Not available.
Auto-ignition temperature: Not applicable.
Decomposition temperature: Stable up to boiling point.
Viscosity Not available.
voc: <100g/L

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Reactivity: No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid: Avoid extreme heat. Avoid freezing.

Materials to avoid: Water reactives, acids, strong alkalis, isocyanates.

Hazardous decomposition products: By fire and thermal decomposition: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke, Isocyanate, Isocyanic Acid and other undetermined compounds. Hydrogen cyanide.

11. TOXICOLOGICAL INFORMATION

Route of Exposure:

Skin contact
 Eye contact
 Ingestion
 Inhalation

Health Effects and Symptoms

Acute: Not expected to cause adverse health effects.
Chronic: Not expected to cause adverse health effects.

Toxicity Data:

Acute Oral Toxicity: LD₅₀ = >5000 mg/kg (rat) from studies of a comparable product.
Skin Irritation: Rabbit, non-irritant from toxicological studies of a comparable product.
Eye Irritation: Rabbit, slight irritant from toxicological studies of a comparable product.
Mutagenicity: No indications of mutagenic effects from toxicological studies of a comparable product.
Carcinogenicity: No carcinogenic substances as defined by IARC, NTP, and/ or OSHA

12. ECOLOGICAL INFORMATION

Eco toxicity: At the present state of knowledge, no negative ecological effects are expected.

Toxicity to Fish / Aquatic Invertebrates

Chemical Name	CAS NoType	Species	LC / EC 50 (mg/L)	Exposure (Method)
Similar product	Fish	Danio rerio (Zebra fish)	<100	96 h
Similar product	Invertebrates	Daphnia magna (water flea)	70.7	48 h
Similar product	Micro-organisms	Activated sludge	>10000	

Biodegradation: Not readily degradable

13. DISPOSAL CONSIDERATIONS

Waste disposal of substance: Dispose in accordance with all applicable regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal: Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. TRANSPORT INFORMATION

DOT: This product is not regulated for transport.
ARD/RID: This product is not regulated for transport.
IMDG: This product is not regulated for transport.
IATA: This product is not regulated for transport.

15. REGULATORY INFORMATION**US federal regulations:**

US Toxic Substance Control Act (TSCA): Listed on TSCA inventory.

US EPA CERCLA Hazardous Substances (40 CFR 302) Component: None.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance: None

SARA 311/312 Hazardous chemical: Non-hazardous

SARA 313 (TRI reporting): This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels.

US state regulations**US. Massachusetts RTK - Substance List:**

Polyacrylate resin

Trimethanolamine (CAS 102-71-6)

US. New Jersey Worker and Community Right-to-Know Act:

Polyacrylate resin

Trimethanolamine (CAS 102-71-6)

US. Pennsylvania Worker and Community Right-to-Know Law:

Polyacrylate resin

Trimethanolamine (CAS 102-71-6)

US. California Proposition 65:

This product contains a chemical(s) known to the state of California to cause cancer and birth defects or other reproductive harm.

Diethanolamine (CAS 111-42-2)

16. OTHER INFORMATION

Recommended restriction: for use by trained professionals, having read the complete SDS.

HMIS RATING:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	C

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